JUN 2 2 2006 W IN THE UNITED ST

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

: 10/625,340

Confirmation No.

: 8601

Inventor

: Gerald K. Hein

Filed

: 07/22/2003

TC/A.U.

: 3753

Examiner

: CIRIC, Ljiljana V.

Title

: A SYSTEM FOR RELIABLY REMOVING HEAT FROM A

SEMICONDUCTOR JUNCTION .

Docket No.

: 1444-0096

The undersigned herby certifies that this correspondence is being deposited with the United States Postal Service, with proper postage prepaid on June 22, 2006 in an envelope addressed to Mail Stop AF, Commissioner for Patents, P.O. Box,1450, Alexandria, Virginia 22313-1450.

Kim Canchola

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

·Alexandria, VA 22313-1450

REPLY UNDER 37 CFR 1.111

Sir:

In reply to the Advisory Action of June 9, 2006 and the Final Office Action of March 22, 2006, please amend the above-identified application as reflected in the amendments to the claims on the following page: